

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method for transmitting information data between a mobile radio transmitter and a radio receiver of a machine or plant, comprising:

providing a first radio link between the radio transmitter and the radio receiver for transmitting safety related information data; and

providing a second radio link between the radio transmitter and the radio receiver for transmitting non-safety related information data;

wherein the first radio link and the second radio link are two physical channels that contemporaneously and continuously transmit the information data in parallel.

2. (original): The method as claimed in Claim 1, wherein the first and the second radio link are set up and operated concurrently.

3. (original): The method as claimed in Claim 1, wherein the first radio link is operated with a maximum packet life.

4. (original): The method as claimed in Claim 3, wherein the first radio link is operated synchronously with a maximum packet life.

5. (original): The method as claimed in Claim 1, further comprising using the first radio link to transmit duplicates of the safety related information.

6. (original): The method as claimed in Claim 5, wherein a predefined number of the duplicates is transmitted.

7. (original): The method as claimed in Claim 5, wherein the duplicates of the safety related information are transmitted until new safety related information is available.

8. (original): The method as claimed in Claim 5, wherein the duplicates of the safety related information are transmitted until the transmitted information has been correctly received.

9. (original): The method as claimed in Claim 1, wherein the first and the second radio links are set up via a single radio system.

10. (currently amended): The method as claimed in Claim 1, wherein safety related information is transmitted via ~~the~~an SCO link of a radio system using ~~the~~a Bluetooth standard.

11. (currently amended): The method as claimed in Claim 1, wherein non-safety related information is transmitted via ~~the~~an ACL link of a radio system using the Bluetooth standard.

12. (currently amended): The method as claimed in Claim ~~11~~10, wherein non-safety related information is transmitted via the ACL link of a radio system using the Bluetooth standard.

13. (original): The method as claimed in Claim 12, wherein information is transmitted via a single radio system using the Bluetooth standard.

14. (currently amended): A radio transmitter configured to transmit data to a radio receiver of a machine or plant, comprising:

a first radio link for transmitting safety related information; and

a second radio link for transmitting non-safety related information,

wherein the first radio link and the second radio link are two physical channels that contemporaneously and continuously transmit the information data in parallel.

15. (currently amended): A radio receiver of a machine or plant, configured to receive data from a radio transmitter, comprising:

a first radio link for receiving safety related information; and

a second radio link for receiving non-safety related information,

wherein the first radio link and the second radio link are two physical channels that contemporaneously and continuously transmit the information data in parallel.